10 62

An Inaugural

Esay on

Sensation and Motion

By Sohn Cabanifs of Vingo papers March 29, 1816

By like Calenie y Ong und abana Super March 29,1816 ren place medical we have of the laws of the merefour. I attem Ther person this subject his has

Vensation & Motion

When driflect on the observity of the subject on which I am about to enter the criticising world to whose inspection it is to be subjected, and my inespeciality to do justice to a subject like this I am on the vary of presiding from the test, and abandon the pursuit, which alone can place me in an emelity with the medical world. Pout in conformity with the medical world. Pout in conformity with the tense of this institution, which make it meets of this institute the tense of this institute the second with the most of judgment, to which with very other person and lieble.

This subject, like most nectaphysical outjects has caused great emberges mong medical men; but they have left us

still inter from the mazes of The wo Toduced upon Soctor Ble to the resi in peculia. wer sensity try like a like a blind man searching for a feather one a wind say blands of ignorance still introduct our view and we are lived from the pleasing paths of touther by the art of reasoning into the subtlemayer of inguity.

The word Streeten is made nor to caprofe a sense of pleasure, pour or come object.

profes a sense of pleasure, pour or come object,

produced aparthe body. With this acceptation of

well proceed to require into its seaties on this

souther Planemback on his breaties on this

subject seas little for it when combined

to the rest of his works. In his physical

closey (Isl. 1) page 215 the seas "the nerver

care peculiarly subgrapione to seas in the body

are peculiarly subgrapions made on the body

are free like season hardes convey and rule

nounce to the sensorium and there give

nounce to the sensorium and there give

Then I efsort popular v reposusate - Thumsent hat hartes producing to sole ment be as

be true; for if the nerves were peculiarly substraint to sursation, the application of the agent producing it, must be to the nerve. It is physically impossible to produce susation without the application of the ascut to its seat. This being true one ques tion immediately presents itself vis whether The system is sutirely made up of moves or not a to there are anatomist in the world that would say year I presume not one. Then I eport the praction taken by the illustrious author is false. There is not one part of the system which properes vitallity, that does not also pofselp smortisw. The sharfrest pointest in-- shument cannot be effected to the small - lest partieu of muscular fibre without producing sensation. If the nerves were its sole organs, the instrument certainly must be applied to the nerve in order to

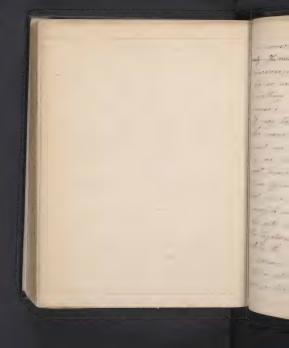
body; for Budons and state are enecetible This case ! Les he disease has been) pain. Note: bility of M. Bicha. to suffer. vinto, appear

moduce sursalisw. I believe that sensalisw is not confined to any particular part of the body; for there is not one part without it. Tindons and ligaments while in the soundstate are possessed of little or no sensation but in the diseased are very painful and enscritible of impressions. I would ask, in This case whether we are to attribute the pain and susceptibility to impressions in The diseased state to the nerves of so, I must then ask, why they populs so little sensation in a healthy state? Instances are recorded where the tendo achillis has been fractured without producing pain. Mobisthstanding the ordinary insense bility of these parts, it was exerted by Mb. Bichat, that several numals who seemed to suffer no pain from cuttins, punctur ing or corroding the ligaments of their joints, appeared to be in great agony when

and he of of luxation to the brain mediately home. Three farts acted in paralyse

The to be were windly of elaland a liveled and he were true this to be the case interest it's he some which liver to me the incounts, and counts not have been obliveded in the proces were out pomme in consum. In the the how which complimes seems in Intomernote in strains, in the Auction of invalious, and in a 'm onrigens morisis From this Sandie win ! I to guestion wet in a colorie a recionar color ciones pour bed into the same a fact million from in to corners, taken you prising no de surver musuer . to war the news before the where is isently, the course and morning I the course where the source or to in in mediately beautiful in the inter withour hours hough the some mideum to be

he premiunion is put getting the wine



suly. Themuseles is e less the combines mecaserame de un estrelien de la rue. in at som to to your is reference in outline the will were the train ? in mustice maken put o'me lean or a to 1. If now be sort me to not have that i've the never that is siteed, the in point and nit we so set house it was cart but in me sown from antico ne s'inte it in it even a to wear, he was courst income tirel in a lighter be led around a wome some to a muser, he notice " test muse si nott is the indich and in insume. the desture motion will be restained White the history in propried me are low . I were the bound of varition, ist men home, an before the obtaination of the marting



" that him ale , died , within . The viewe in in into the " " des in " is well we so interestinence of that contiguely is aginest i de sames . " case the court of the boom in not int in in one the muscies di vined so their relations. to this cause directo the said for our count will no sions it the lover to at you & its sel without been alie to recet a vine te modien, inconstrume of the never bener retiring it ite curetions. If we ite he smed hat here is a sonsalien in a be very itti was en la whove the is italian there must see be susation It a un'a selle to preduce the comme " thank is lotte . I verile us i not to be " potent int the one super news by: " istline me a eximite preduced in me! Alle. By I wine smallens of bom my

Summer of

The bestween by the went is wildren, ro a set seems of cheaner pane be drawing in his realise in it not ens en is ities proper some intome with a is face has feel its constrained inthe 'sine its poure a motion" fore the reference quet from home in the music tout. a nem back in Merin in 11:10 could not have been connected com is bound to be muse; which is inters "impalie nece same for its neticul & one comment on junery on row part is the Lade rade take in holes where the form is we what to reine it sile the heart with this this in the spirit where the we . turn may int it it is. But & hour sugation wit not in the is and I the seconder week communicated to the invision should have the hair Exercises from the words intherent the whole course of the neur to be brown.

Et me line ton , ... 1" wait : 1454 300 hat watered is that, we have it continued to the start where he ingree was interiors.

to our live at a commission to such as the such as the such as the such as a such as the such as the such as the such as the such as a super such as the such as t

There we were the mention in the west.

Shows the beauty is for with, we have
contin the beauty the mest speculial to be a

for we be her the most speculial to be a

for always the beauty the factors or

for always and have a be fortuned as an

for a latence and have a be fortuned as an

form, for a beauty of bet grad as put on my

from forever the wide to they a beauty

colleged to colors the wide to they a fortune

colleged to colors the wide to they a grade

colleged to the mest form and the according

mention of the mest form and the condi-



" - said by biner asisai water test the setion of the limit mit a lovies is held a the stime is a fee that com' ou I will he have a habit not that ise will has no pares our it is he diente relect is a chamine i he heart met a bries, I'm when want be in a cost ; who will the must be containe to me give a tase a some or secum the relieu of the hours mi got in with to meressed, and in I show "in go " chimens or diminister? "ic bes conver set relesa with rise be diministret. To oblect i similes in the water aller seines used so, some lime scaduain comes "int effect which it first hads inust in have I were with the late be finds in carine structure on weit and in the Blad were in should reducin in pro- when re in a com I was reministrate, the consumor of the , i so want the reministret, But his to



not the case, for as the animal is bluding to death the frequency of the bules is increased Here then must be some other agent than the stimules of the blood or power of habit. Who is it & Janswer , we have a greater will to protract life than any other thing in nature As the action of the heart is instisteneable in the circulation, the will in order to head it who acts with greater force on the heart causing it to contract and throw out the small portion of blood contained to support life. Firspectly analogous to the operations it the will on the heart is that of every other agent in motion. For by their long continued application we gradually become less com sciens of their operation, atthough the continue to heef up their action as vizorancely as ever. The motions of the diaphrague are kept up in the same way. Dostor Darwin places this under his head of apociate

10 xun offer action a the sus the reason is cut off ligature . not affect .

300

motion but this is another woor love For it is as much under the power of the will as any other muscle. We can sustand its action at bleasure. But it may be said its action was suspended inconsequence of the suspension of prescriation; or that it was inconsequence of a sustancion of the action of the lungs. If so, I must ask why does not respiration so on when there is a ligature around the phrenic mornes The reason evidently is because the will is cut off from the deaphrague by the ligature. It it was from the afsociation The action was kept up, the ligature would not affect it; because the action of the lungs would be sufficient for that purpose.

Jan: 24 182 341/Marke 00. "The connec between the